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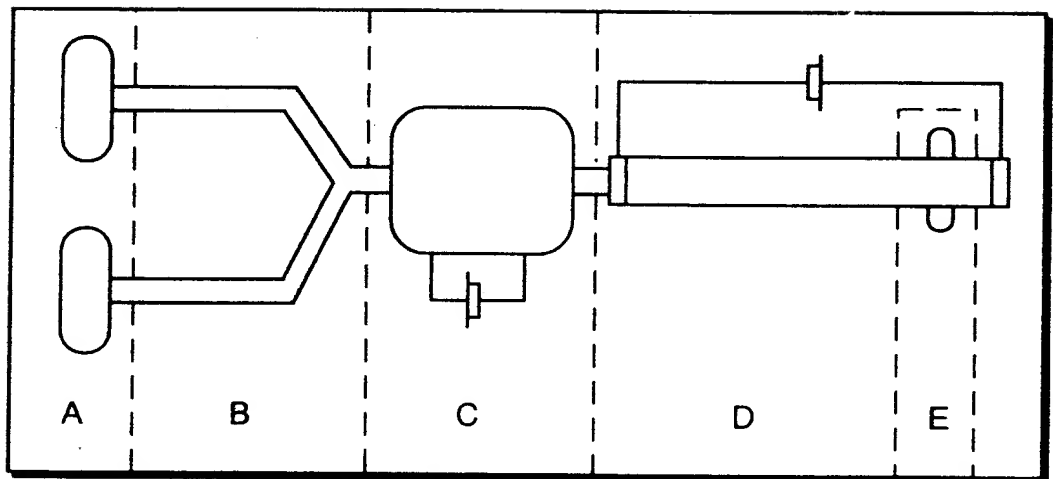


FIG. 1

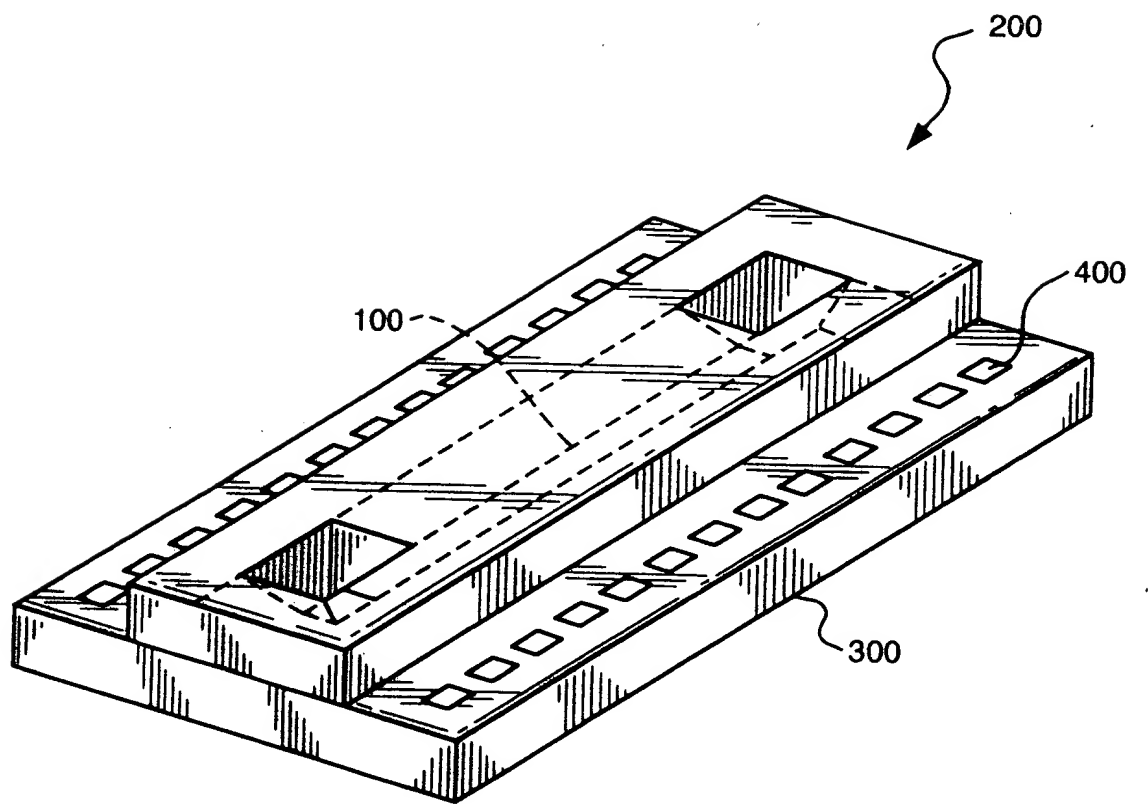


FIG. 2

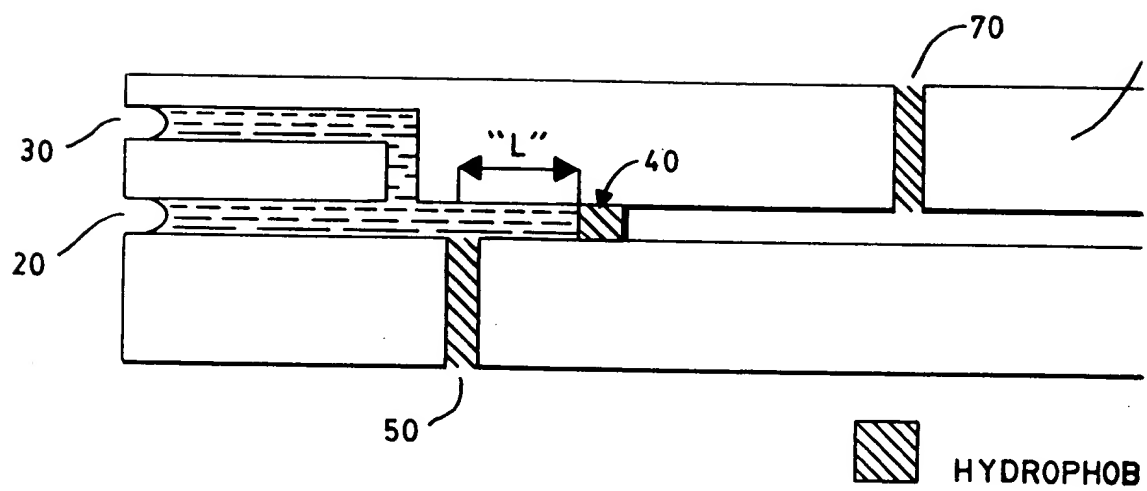
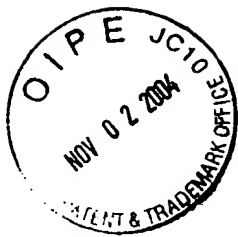


FIG. 3A



Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: Moving Microdroplets
Atty. Docket No.: UM-04228 Sheet 4 of 33

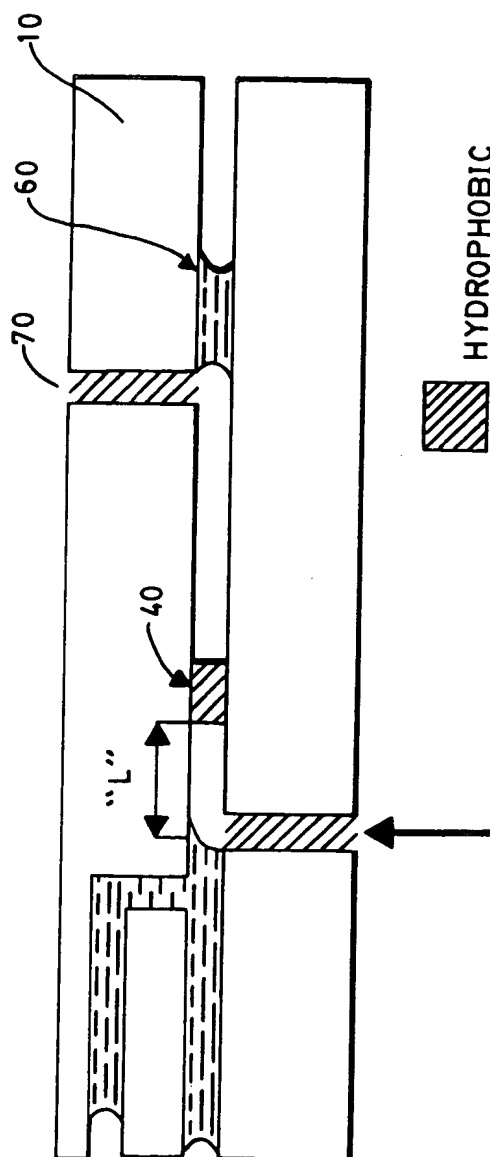


FIG. 3B

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Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: **Moving Microdroplets**
Atty. Docket No.: UM-04228 Sheet 5 of 33

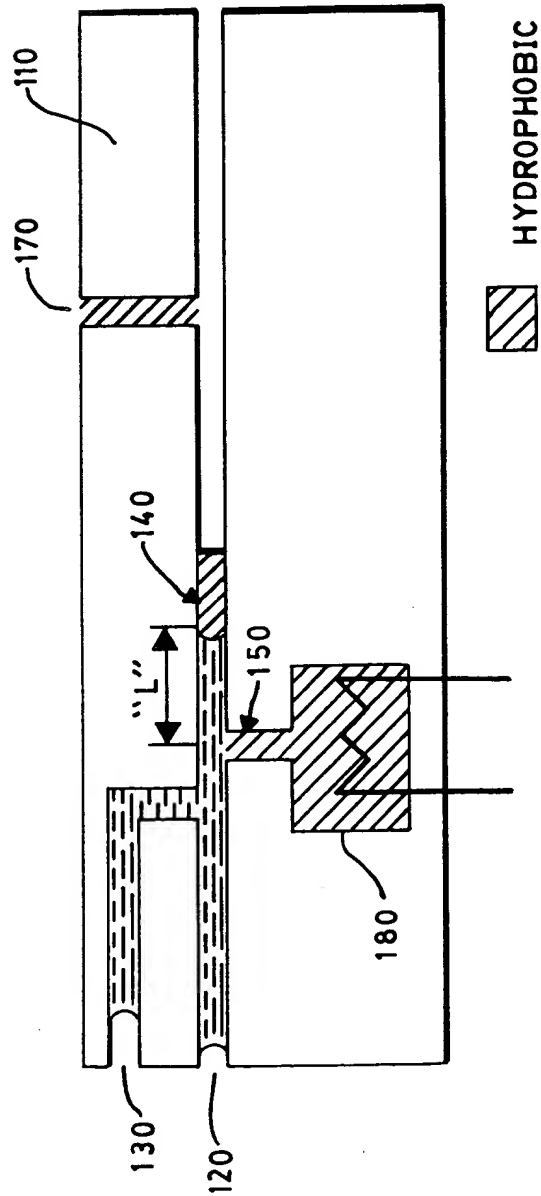
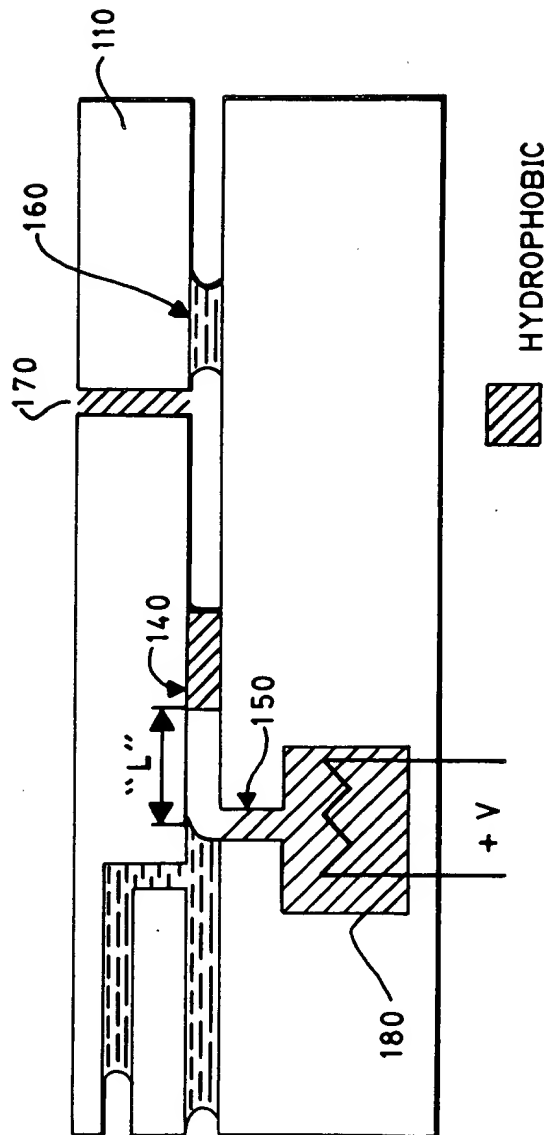
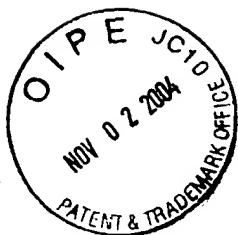


FIG. 4A



Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: **Moving Microdroplets**
Atty. Docket No.: UM-04228 Sheet 6 of 33





Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: **Moving Microdroplets**
Atty. Docket No.: UM-04228 Sheet 7 of 33

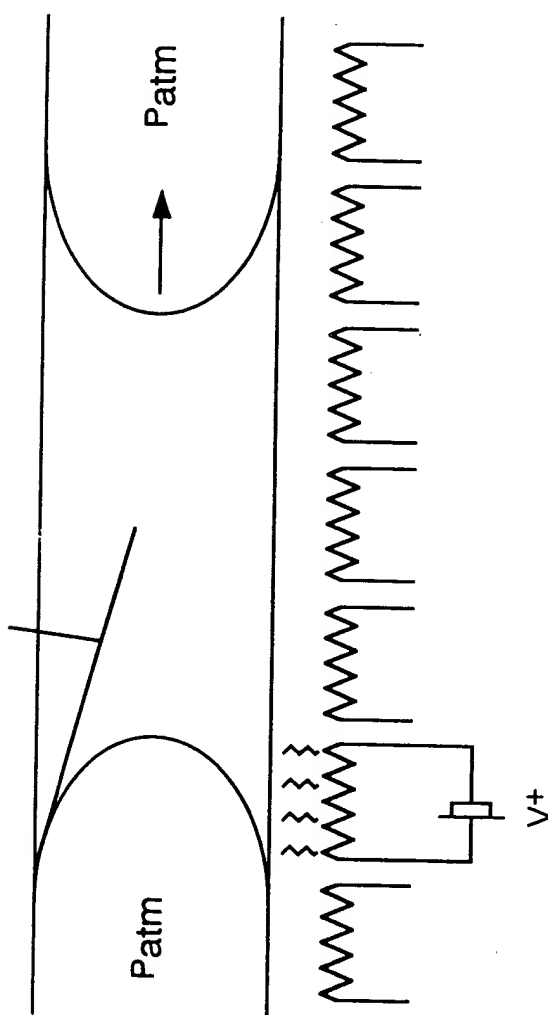


FIG. 5

FIG. 6A

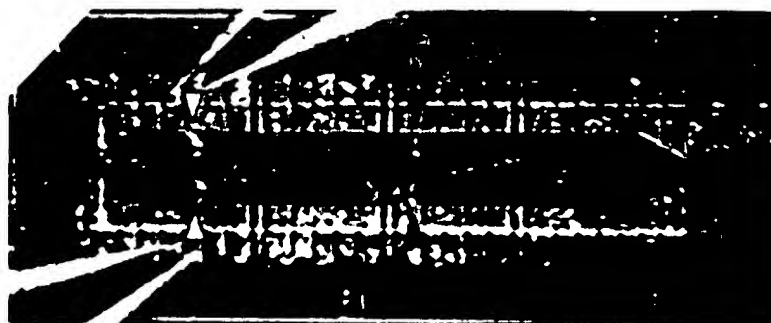


FIG. 6B

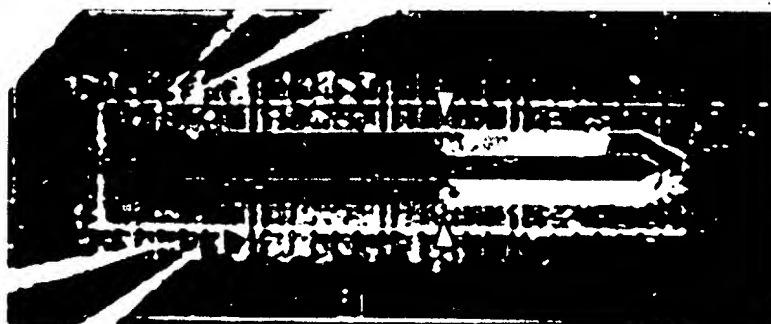


FIG. 6C

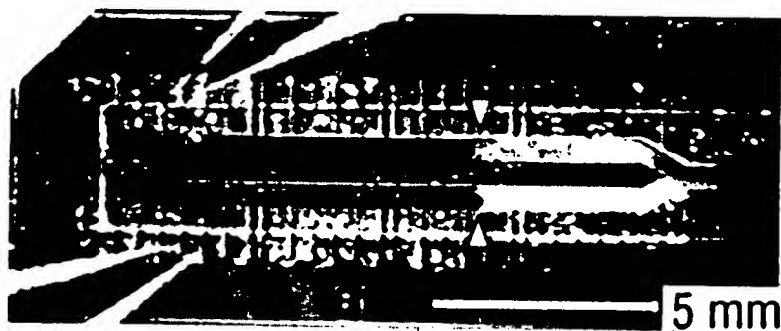
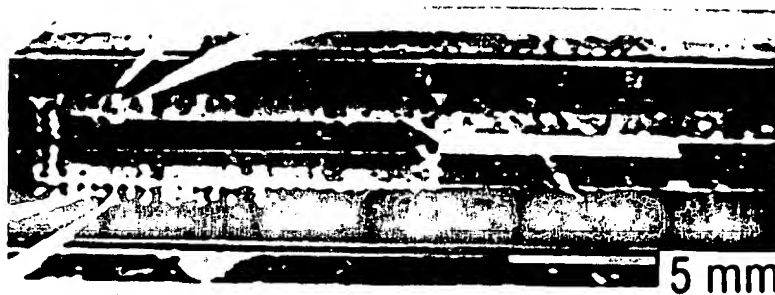


FIG. 6D



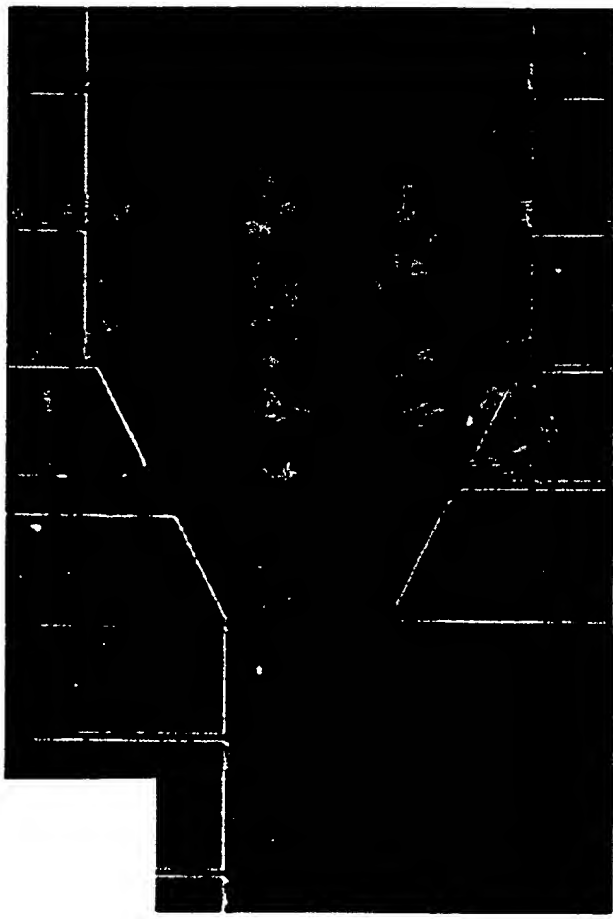


FIG. 7A

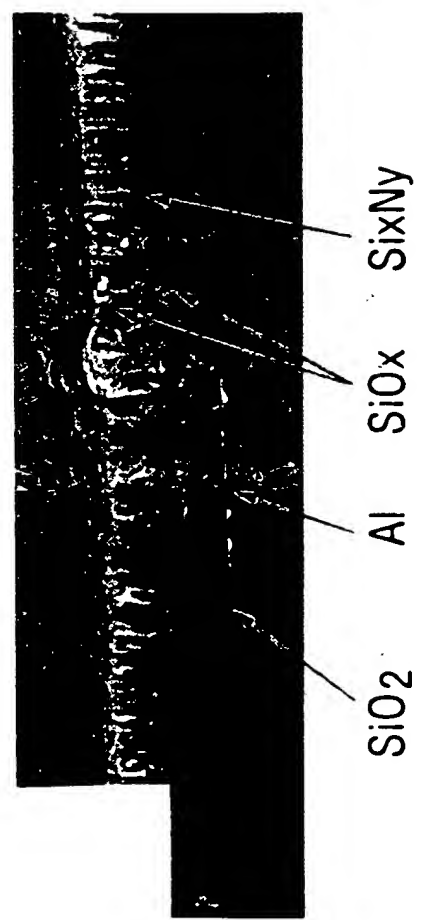


FIG. 7B



Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: Moving Microdroplets
Atty. Docket No.: UM-04228 Sheet 10 of 33

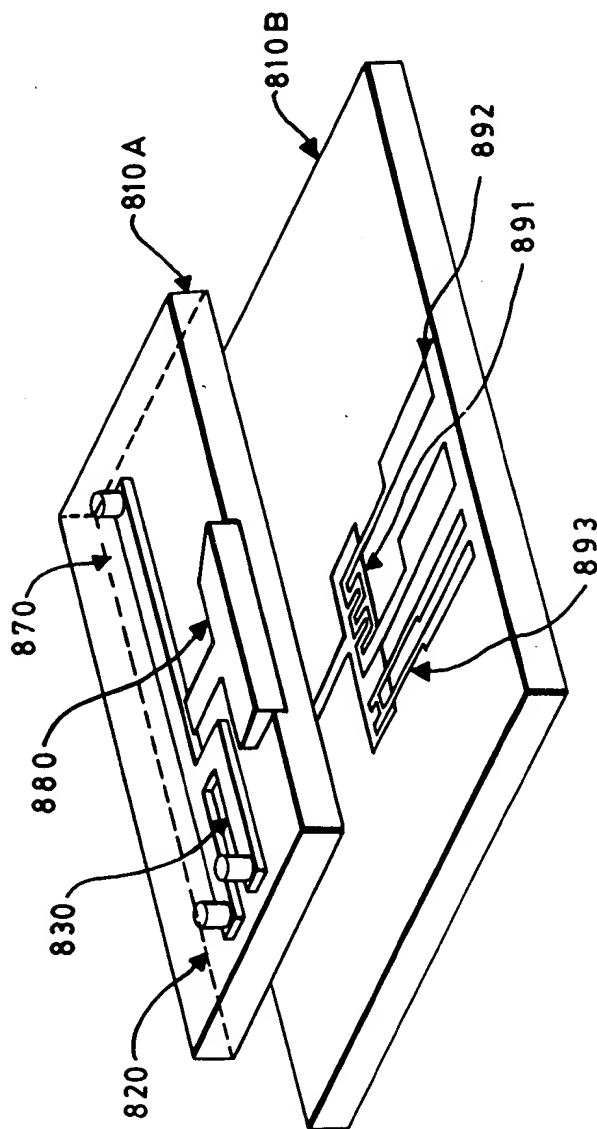


FIG. 8A

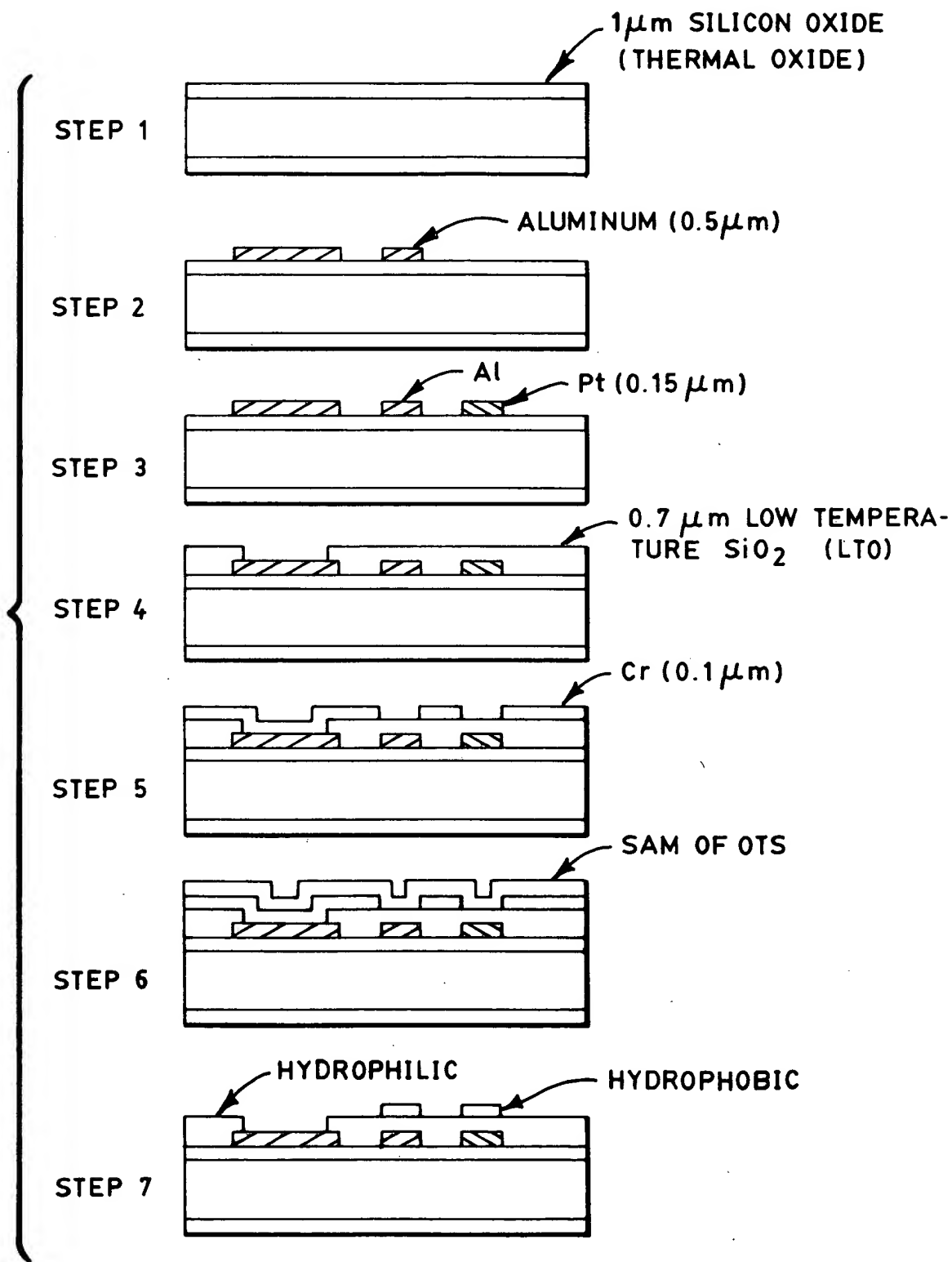


FIG. 8B

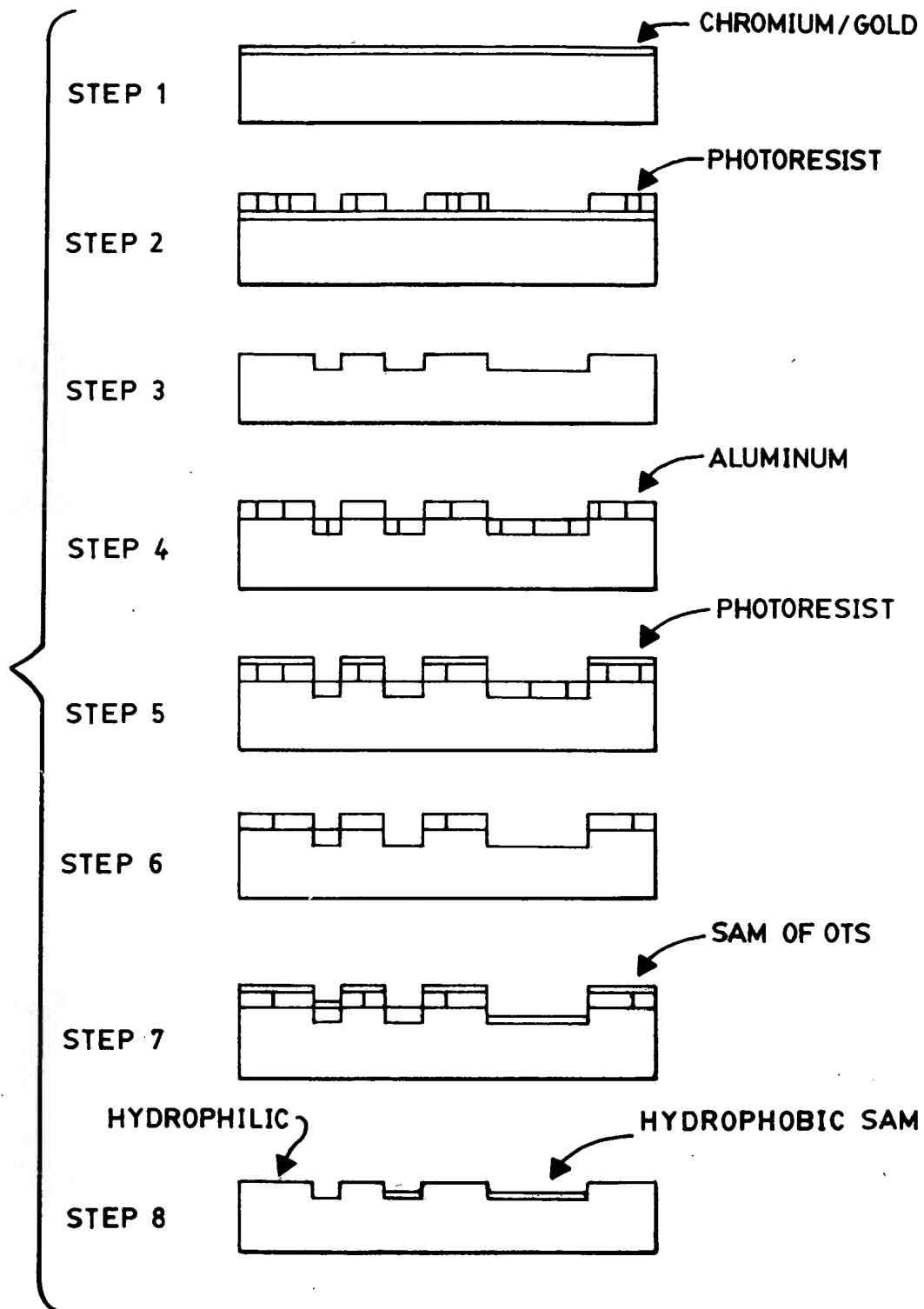
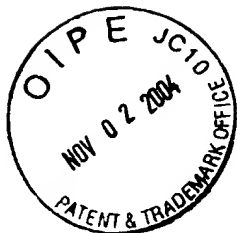


FIG. 8C



110204

8351 U.S. PTO

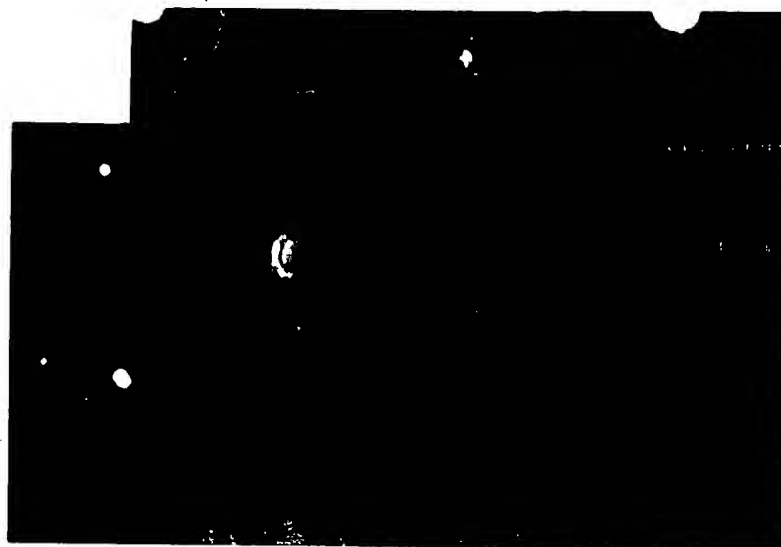


FIG. 9A

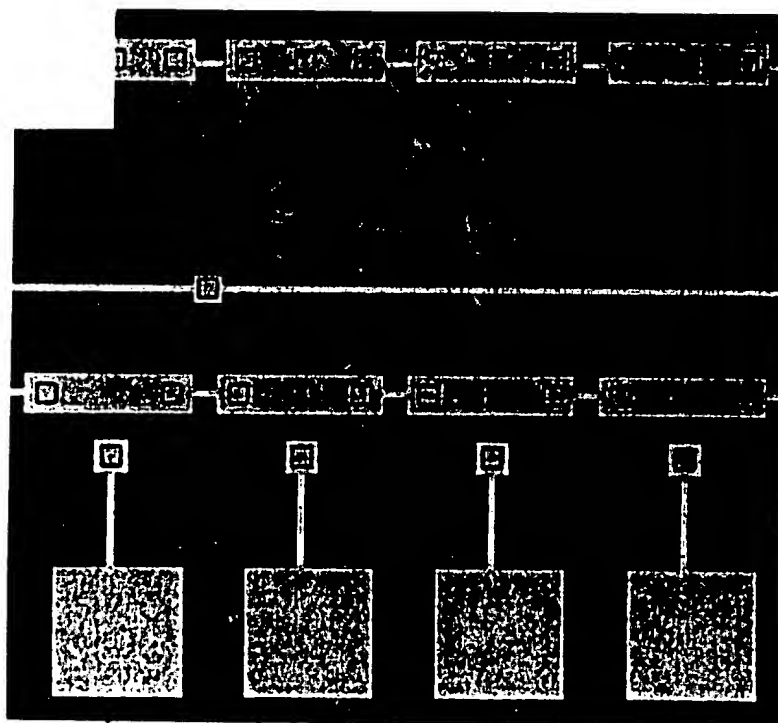


FIG. 9B

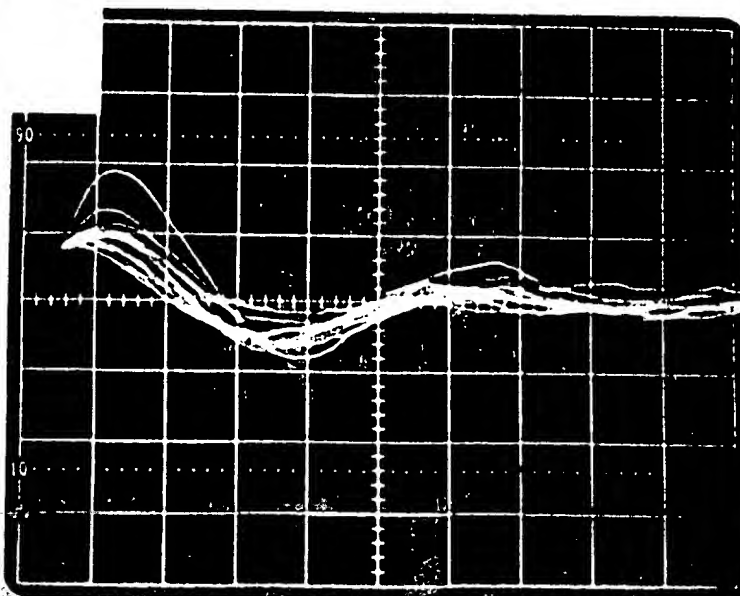


FIG. 9C

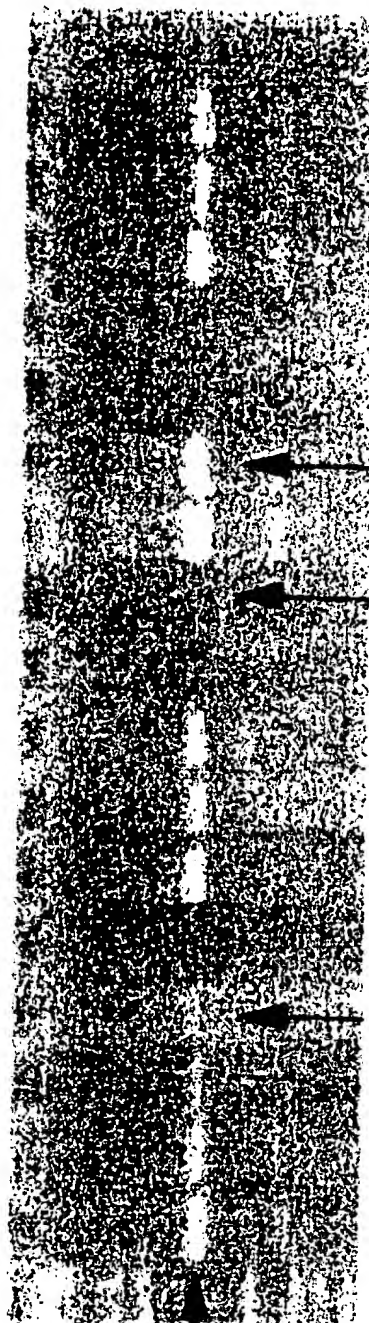


110204

351 U.S. PTO

Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: **Moving Microdroplets**
Atty. Docket No.: UM-04228 Sheet 14 of 33

LIQUID NAILS GLUE
BOND-ALL GLUE
GOOP GLUE
RUBBER CEMENT
CURED SILICONE SEALER
UV GLUE
VACUUM GREASE
SILICONE SPRAY
POLYAMIDE
RUBBER GASKET
REACTION VIAL PLASTIC
STAINLESS STEEL THERM.
WIRE THERMOCOUPLE
CRUSHED SILICON
SILICON WAFER
CRUSHED GLASS
GLASS CAPILLARY
CONTROL
LADDER



634
460
303

PCR RESULTS WITH STANDARD REAGENT AMOUNTS

FIG.10



Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: Moving Microdroplets
Atty. Docket No.: UM-04228 Sheet 15 of 33

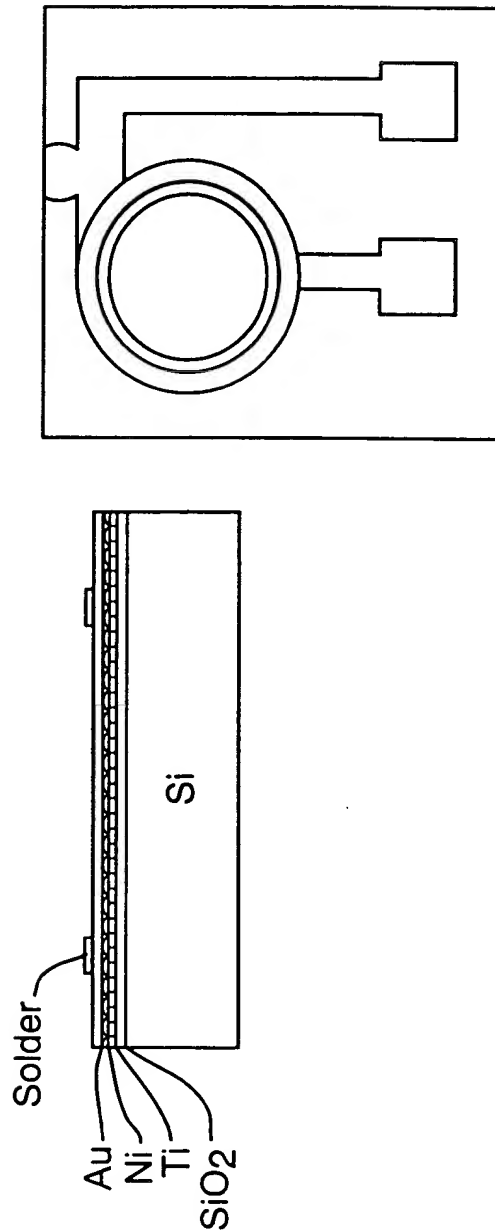


FIG. 11



Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: **Moving Microdroplets**
Atty. Docket No.: UM-04228 Sheet 18 of 33

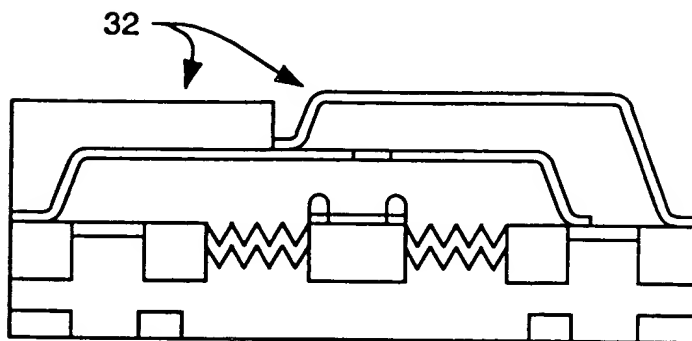


FIG. 12 H

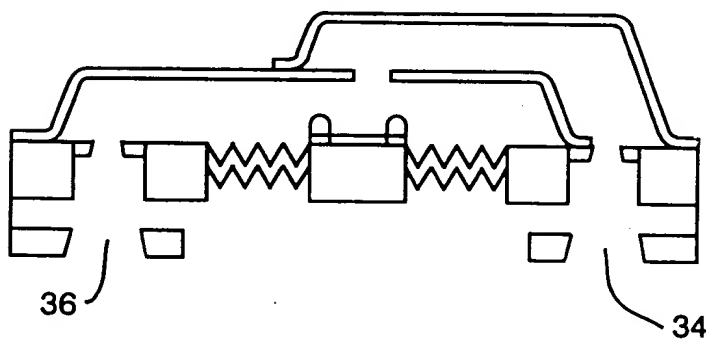


FIG. 12 I

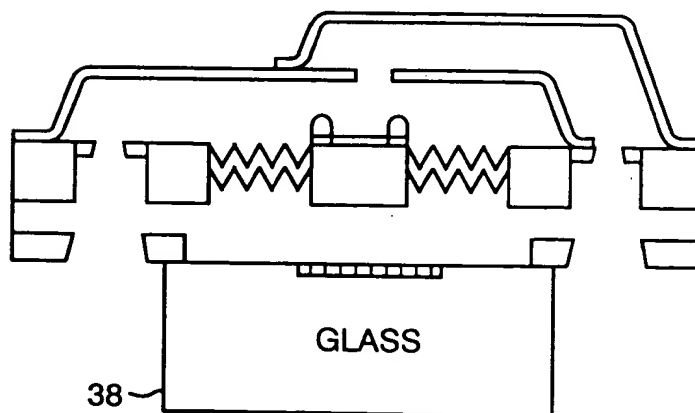


FIG. 12 J



Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: Moving Microdroplets
Atty. Docket No.: UM-04228 Sheet 17 of 33

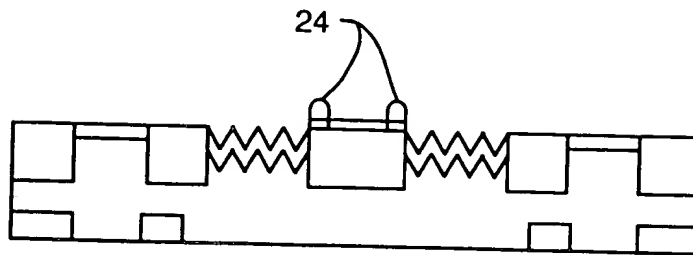


FIG. 12E

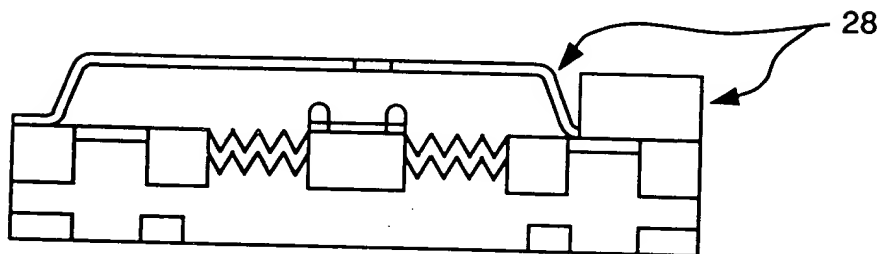


FIG. 12F

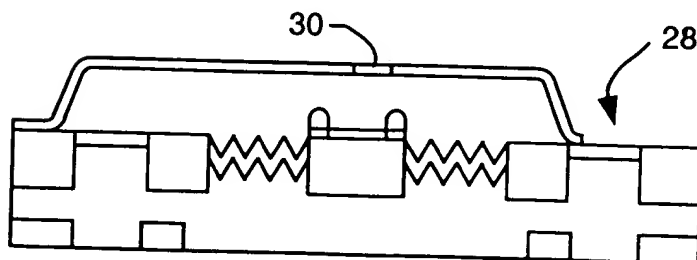


FIG. 12G

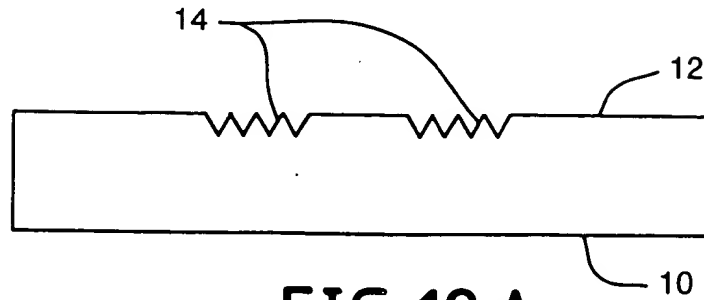


FIG. 12 A

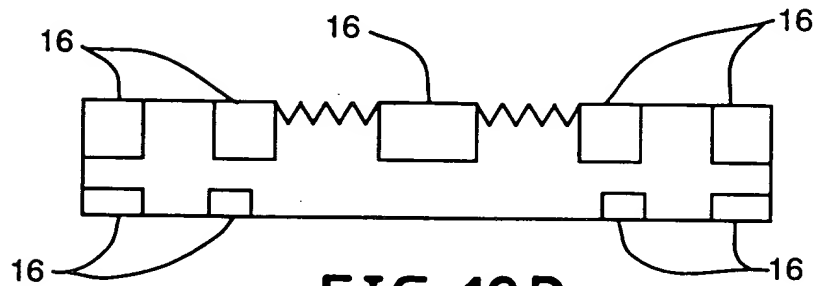


FIG. 12B

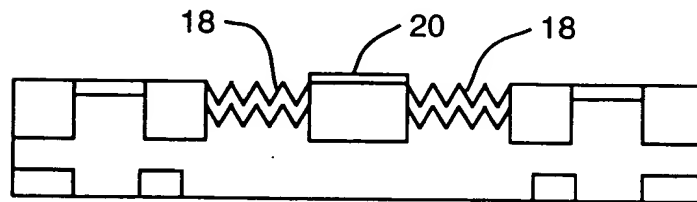


FIG. 12C

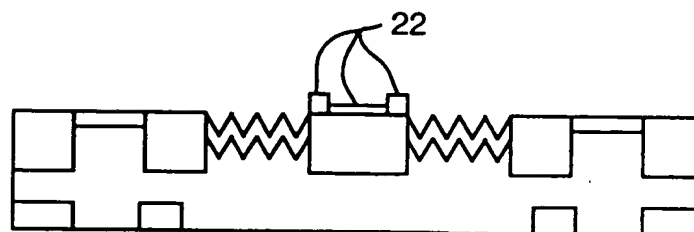


FIG. 12D



Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: **Moving Microdroplets**
Atty. Docket No.: UM-04228 Sheet 19 of 33

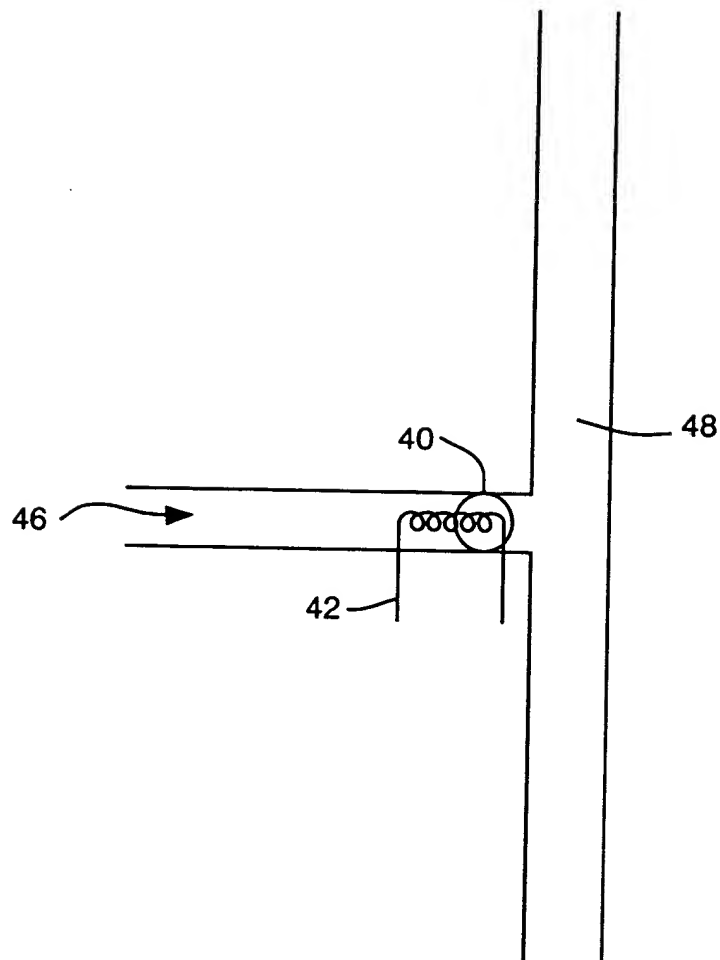


FIG.13

18351 U.S. PTO
110204

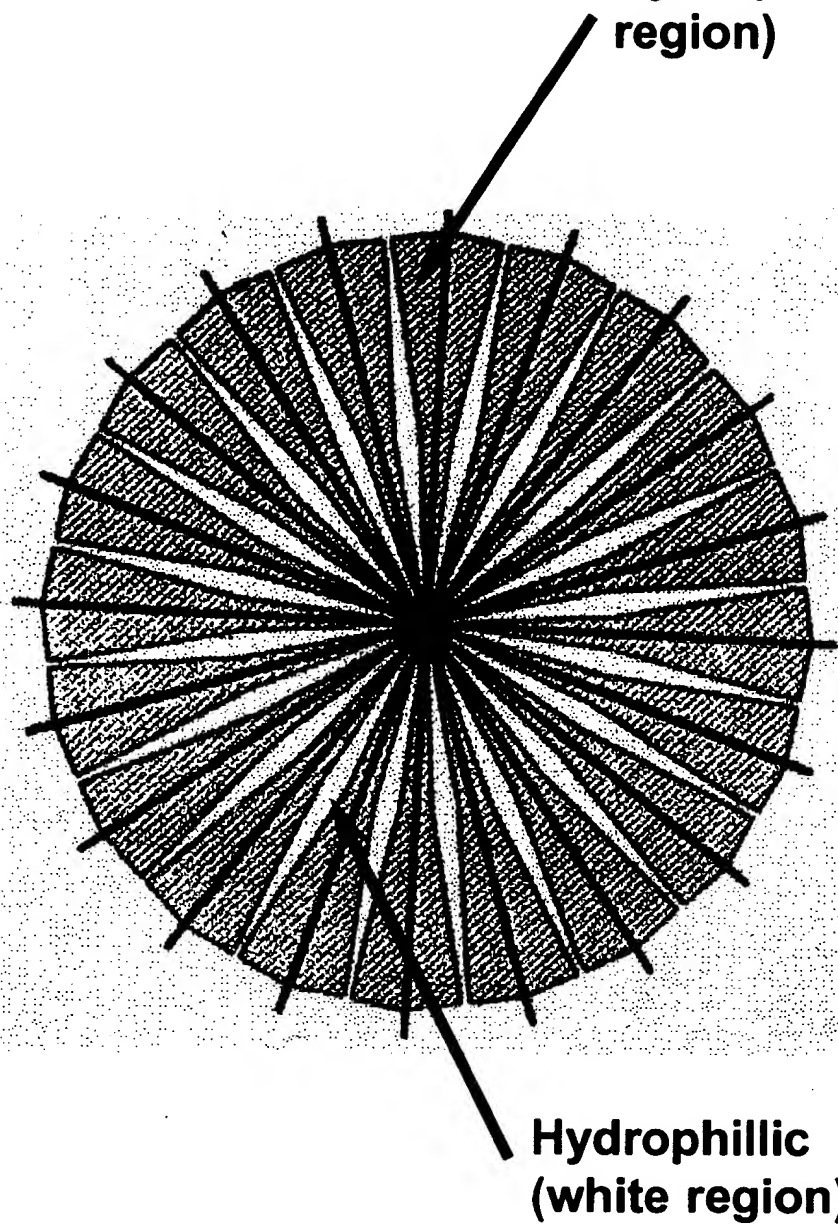
Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: Moving Microdroplets
Atty. Docket No.: UM-04228 Sheet 20 of 33



FIG. 14

18351 U.S. PTO
110204

**Hydrophobic (grey
region)**



**Hydrophilic
(white region)**

FIG. 15A



110204

18351 U.S. PTO

Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: **Moving Microdroplets**
Atty. Docket No.: UM-04228 Sheet 22 of 33



FIG. 15B



110204

18351 U.S. PTO

Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: **Moving Microdroplets**
Atty. Docket No.: UM-04228 Sheet 23 of 33

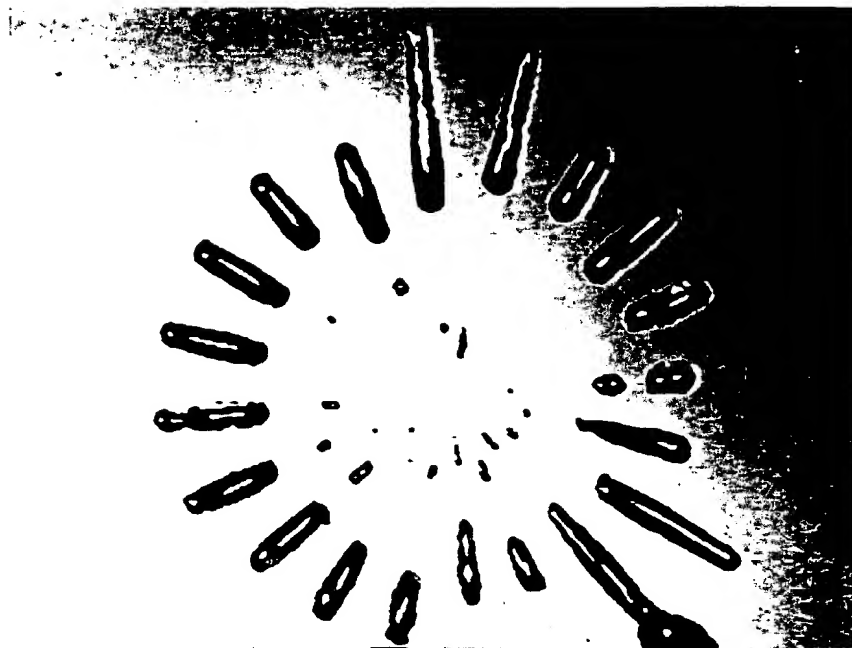


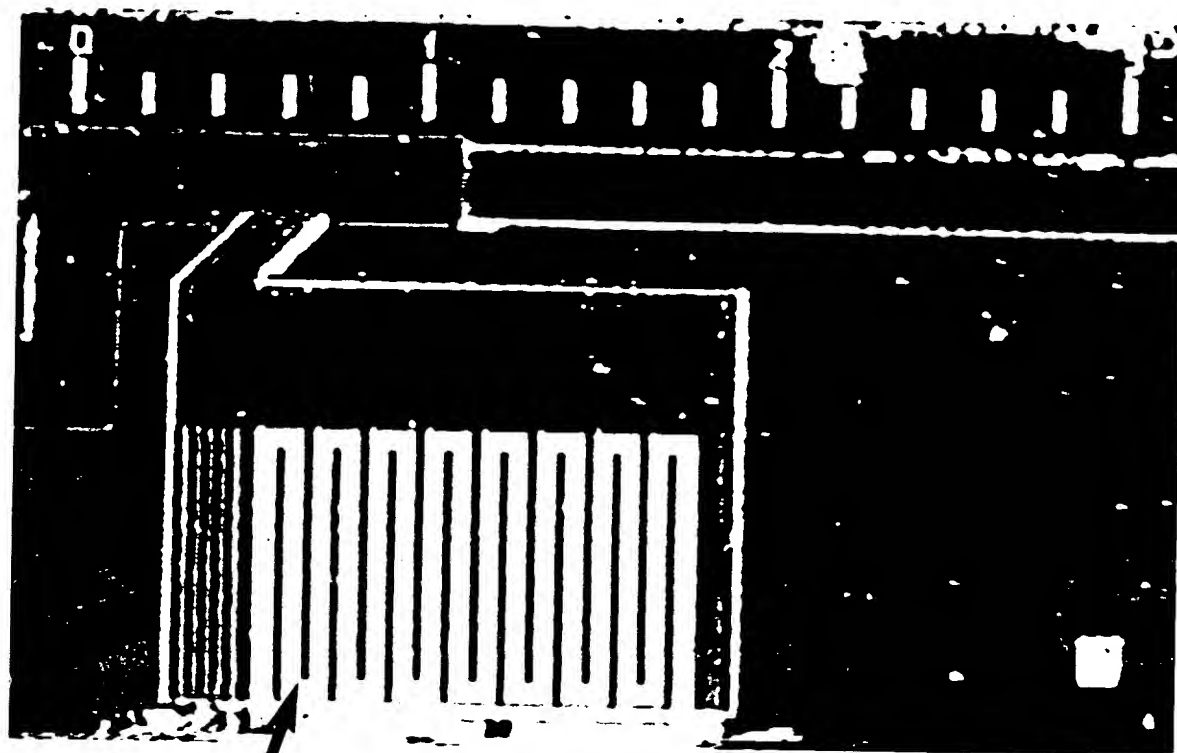
FIG. 15C



110204

18351 U.S. PTO

Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: **Moving Microdroplets**
Atty. Docket No.: UM-04228 Sheet 24 of 33



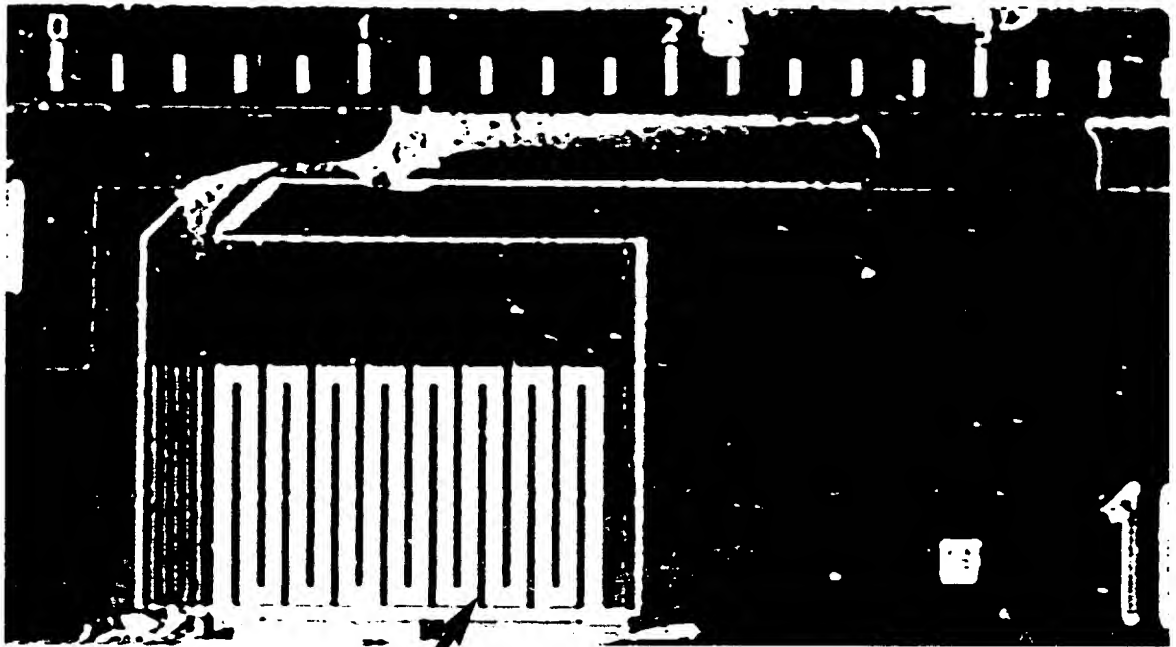
991

FIG. 16A



110204

18351 U.S. PTO



991

FIG. 16B



18351 U.S. PTO

Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: Moving Microdroplets
Atty. Docket No.: UM-04228 Sheet 26 of 33

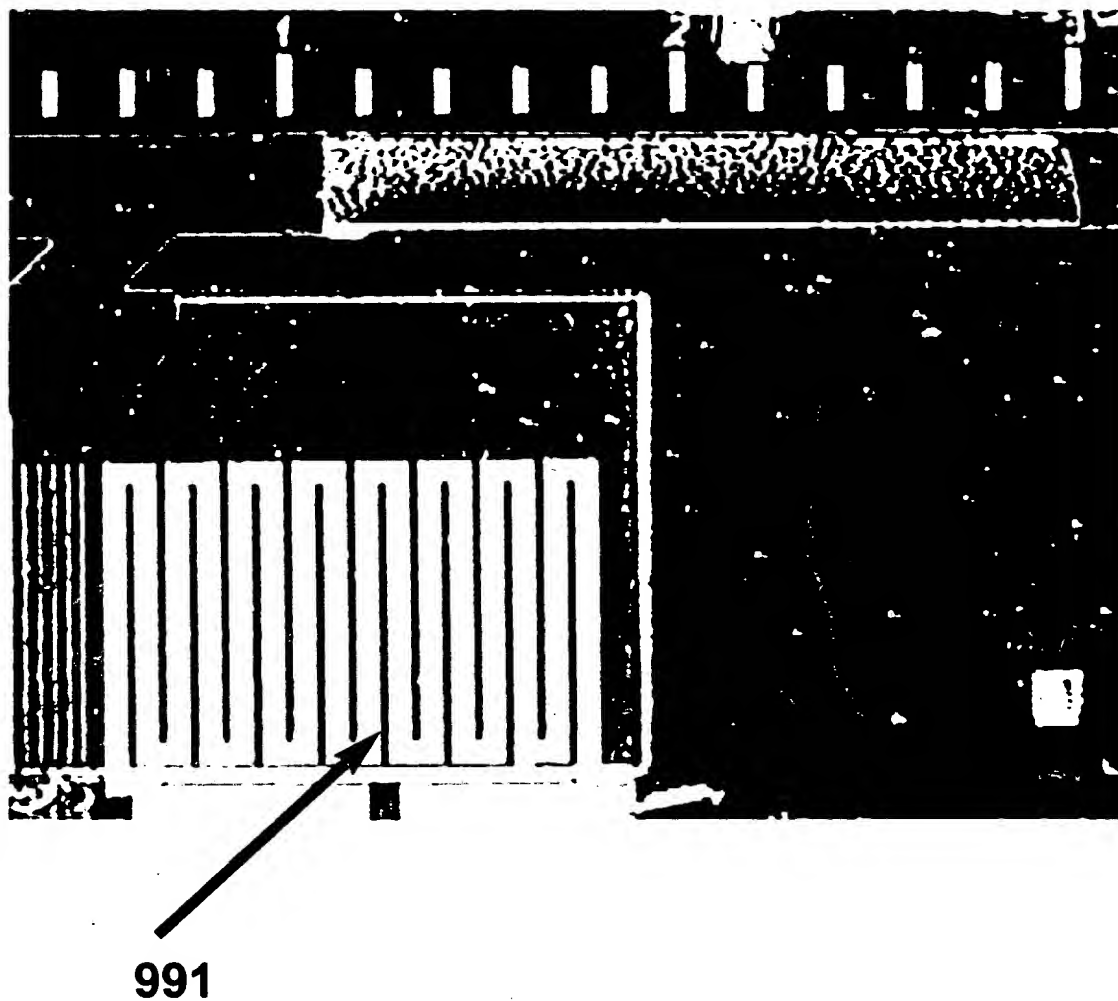


FIG. 16C



110204

18351 U.S. PTO

Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: Moving Microdroplets
Atty. Docket No.: UM-04228 Sheet 27 of 33



FIG. 16D



110204

18351 U.S. PTO

Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: Moving Microdroplets
Atty. Docket No.: UM-04228 Sheet 28 of 33

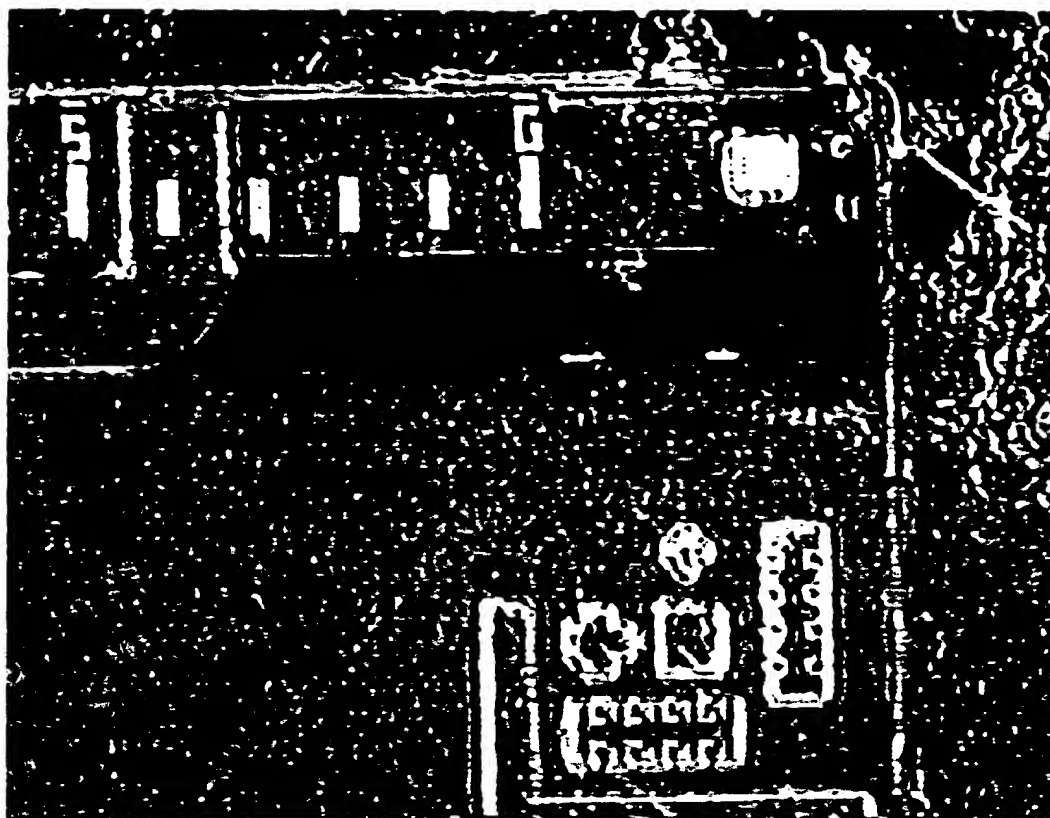


FIG. 16E



Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: **Moving Microdroplets**
Atty. Docket No.: UM-04228 Sheet 33 of 33

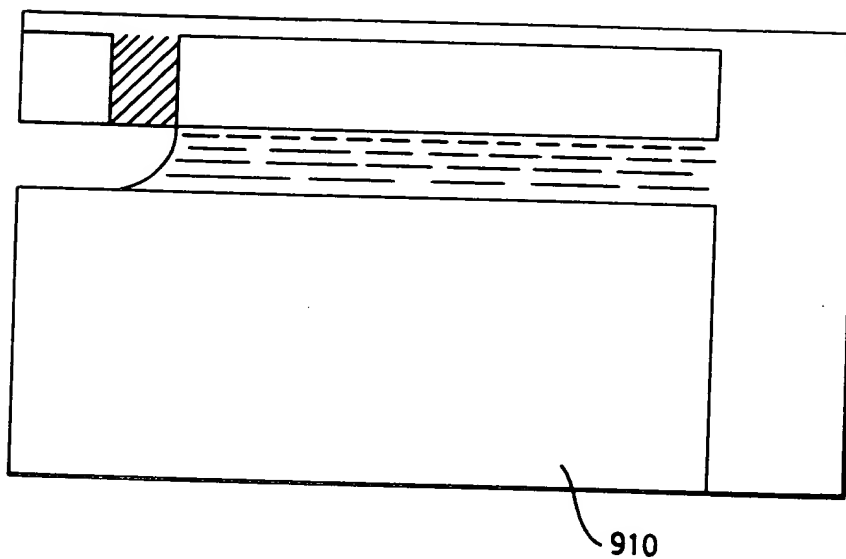
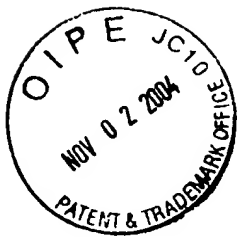


FIG. 16 J



Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: **Moving Microdroplets**
Atty. Docket No.: UM-04228 Sheet 32 of 33

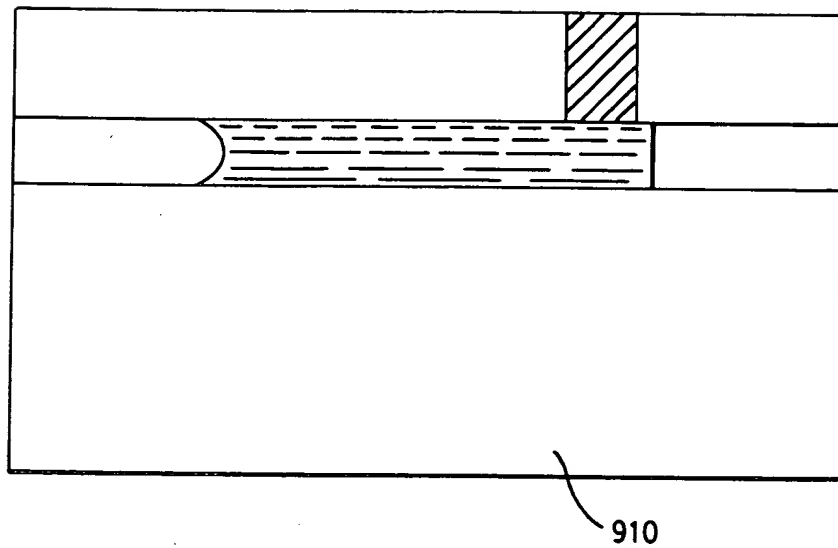
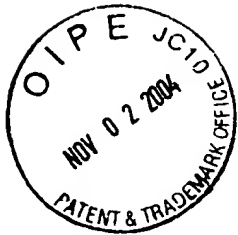


FIG. 16I



Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: **Moving Microdroplets**
Atty. Docket No.: UM-04228 Sheet 31 of 33

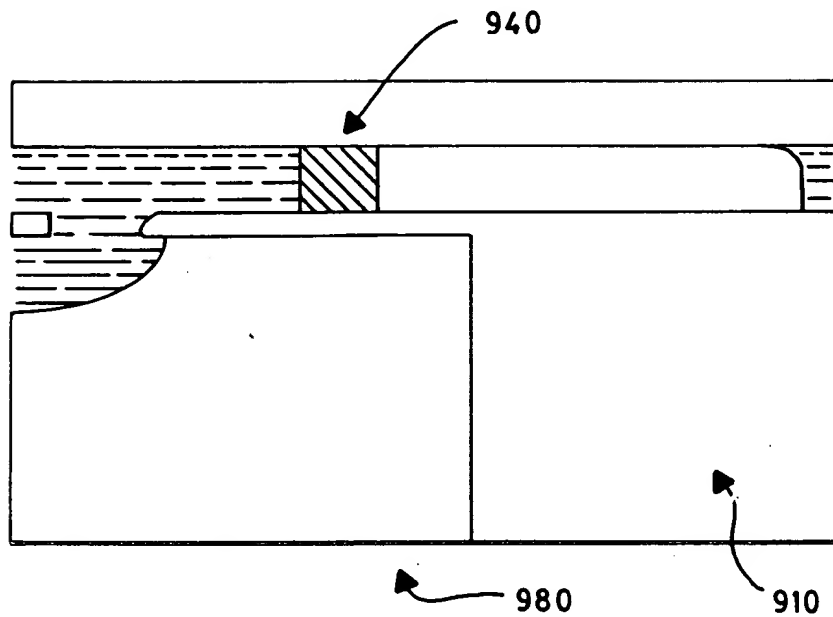


FIG. 16 H



Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: **Moving Microdroplets**
Atty. Docket No.: UM-04228 Sheet 30 of 33

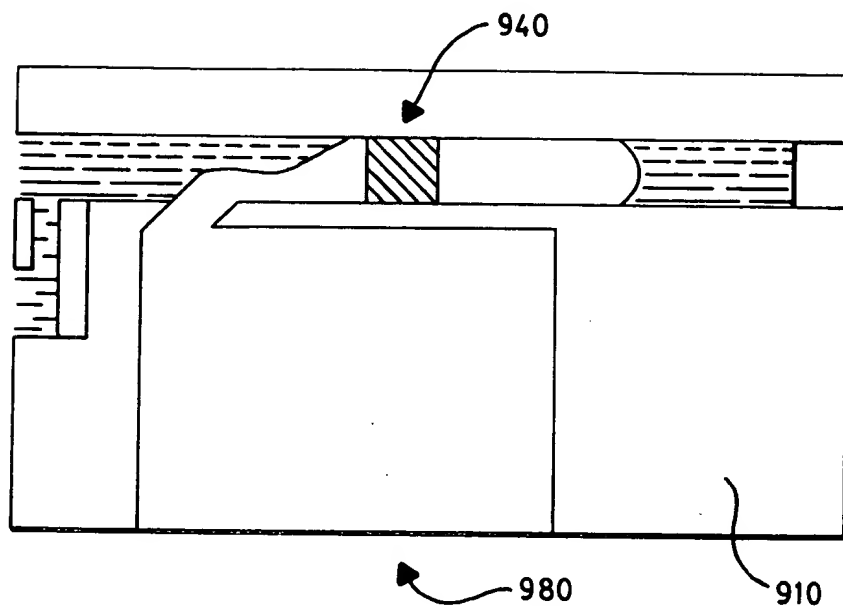


FIG. 16 G



Serial No.: 09/518,895 Filed: 03/06/00
Examiner: J. Ludlow Group Art Unit: 1743
Applicant: Kalyan Handique *et al.*
Title: Moving Microdroplets
Atty. Docket No.: UM-04228 Sheet 29 of 33

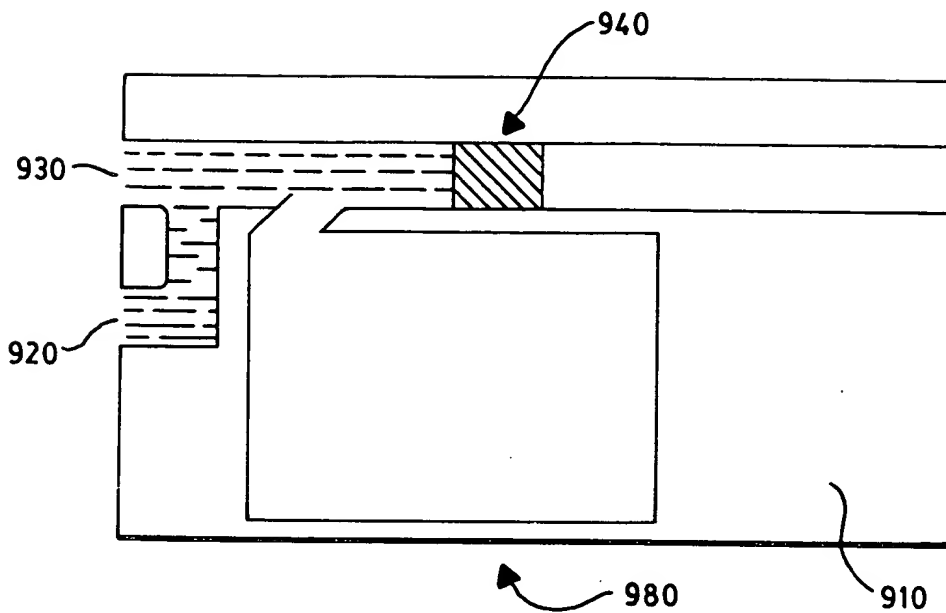


FIG. 16 F

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